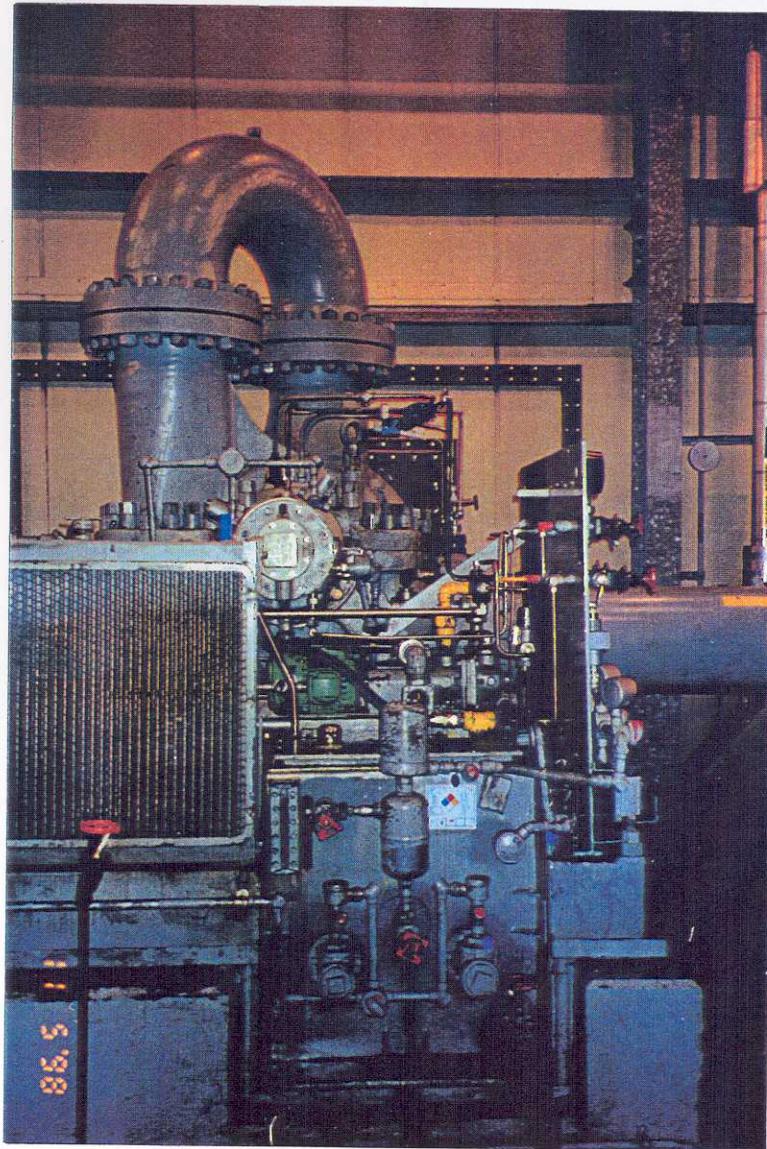
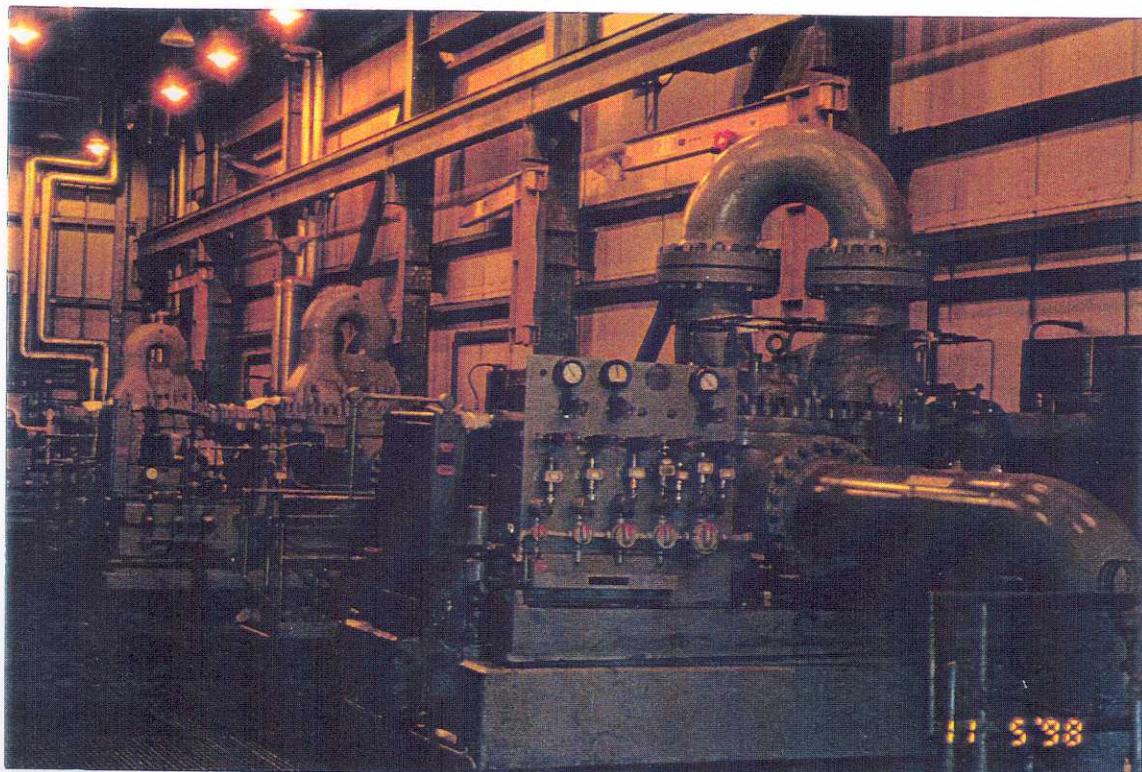
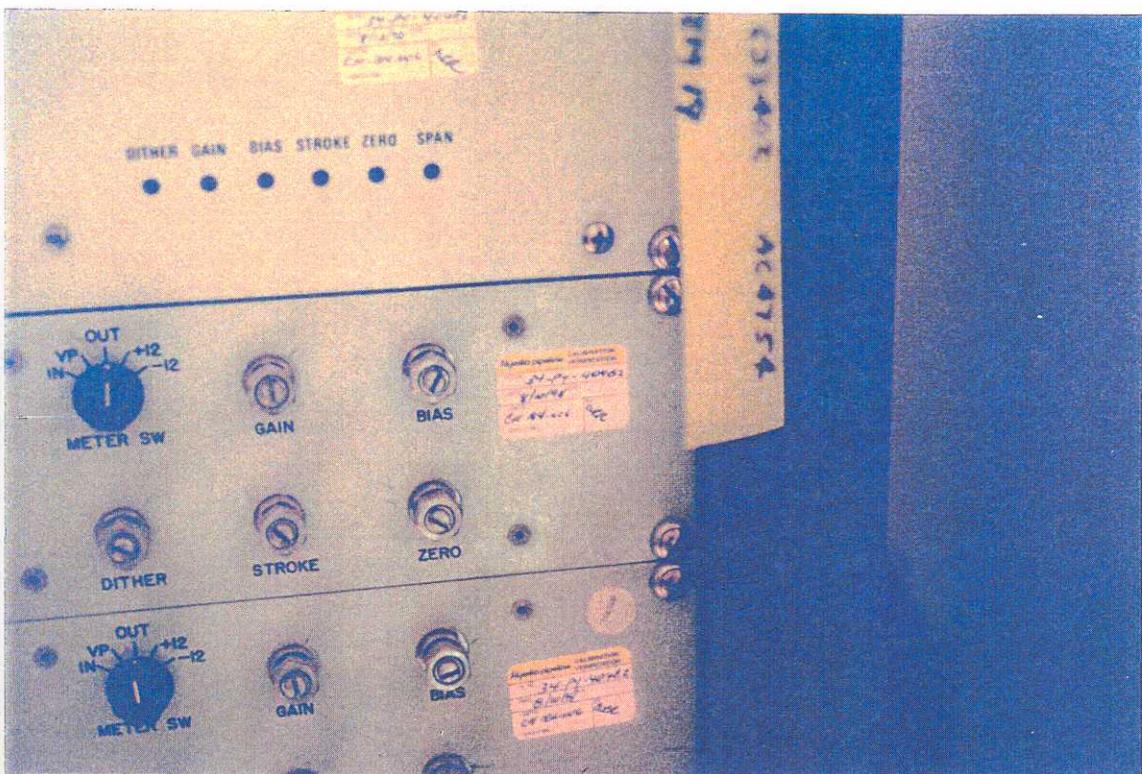


Mainline Unit Pumps

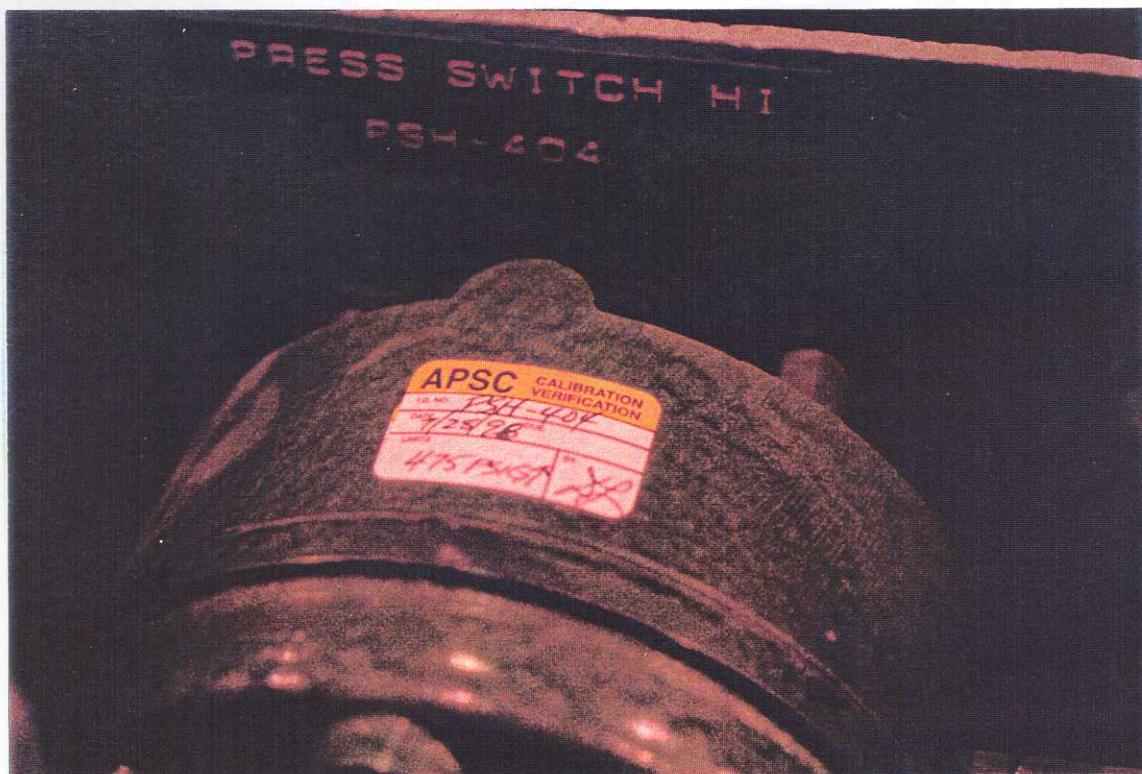


Both photos are mainline unit pumps (MLU) at Pump Station 3. Pipeline throughput is controlled by pump speed that meet specific set points on the suction and discharge side of each pump station. This controls the speed and amount of oil that flows between each pump station, until it reaches the Valdez Marine Terminal. (See p. 11)

Pipeline Pressure Control



- Calibration stickers on pressure controller equipment at PumpStation 4. Calibration stickers are put on all pressure control equipment to display essential set point value information. This is a safety mechanism for pipeline pressure control.

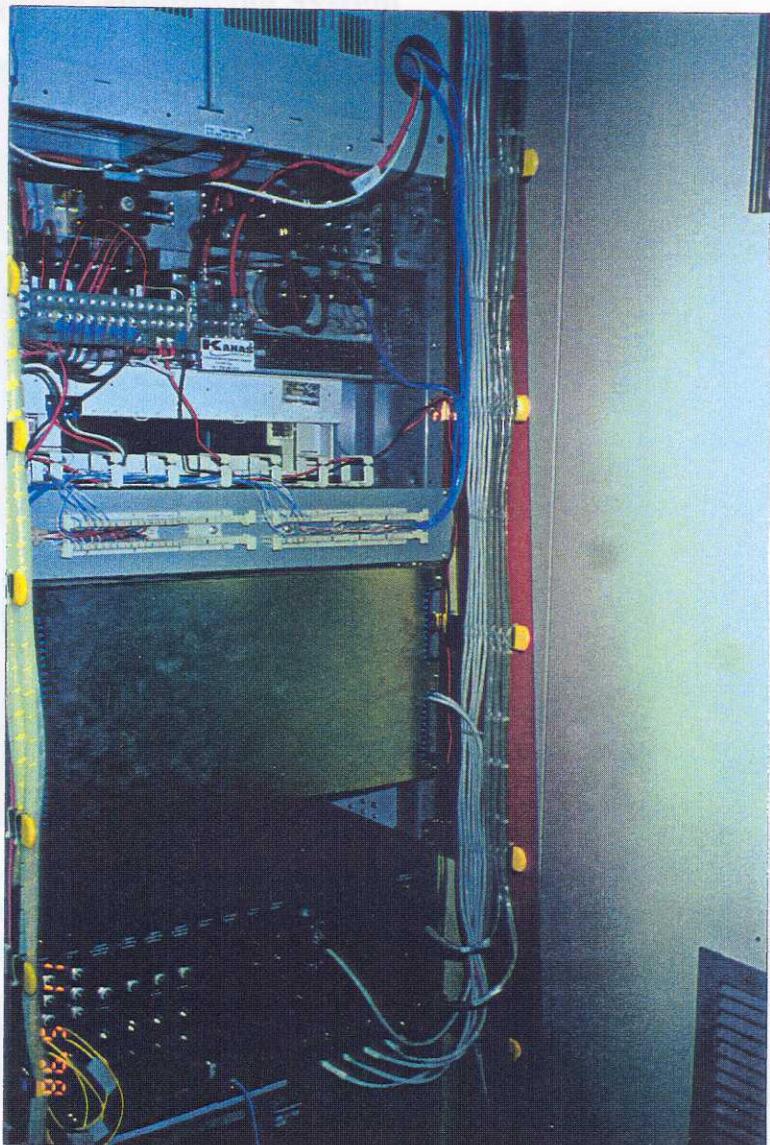


Calibration and verification sticker on pressure switch at Pump Station 4.
(See p. 14)

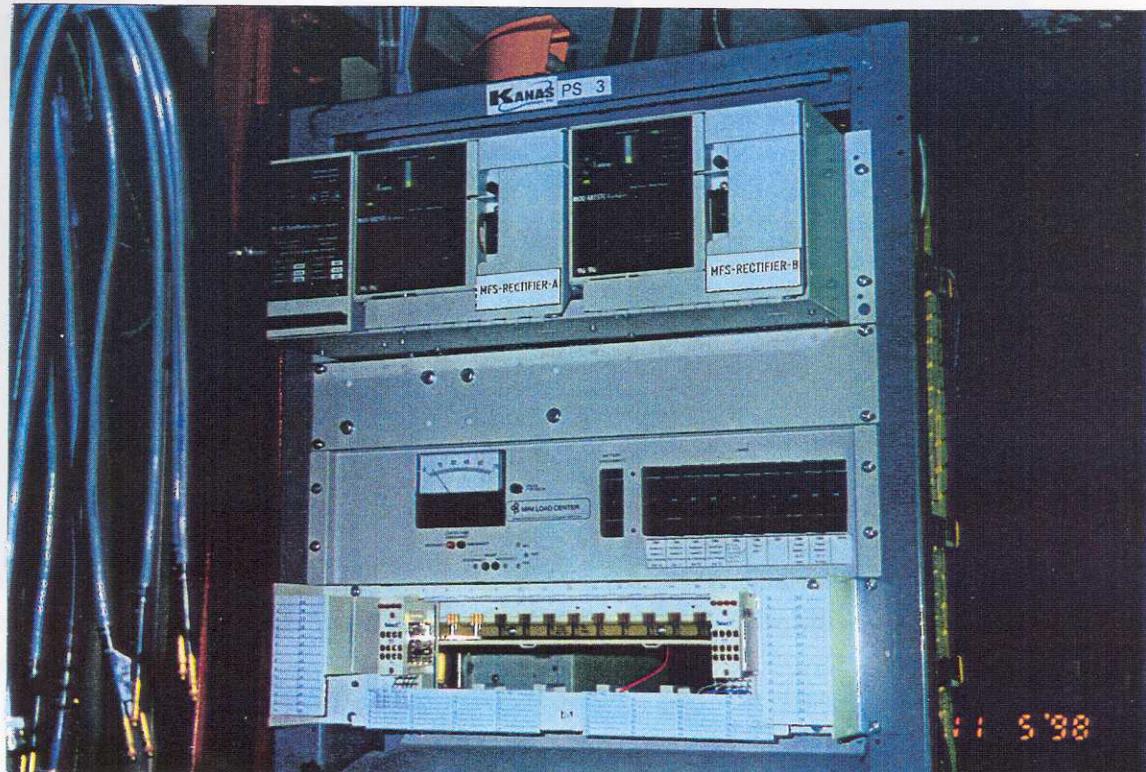
Fiber Optic Communication System

Fiber optic cable
panel at Pump Station 3 →

(See p. 21)



Fiber optics panel
and cable at
Pump Station 3



The Fiber Optic Installation Project



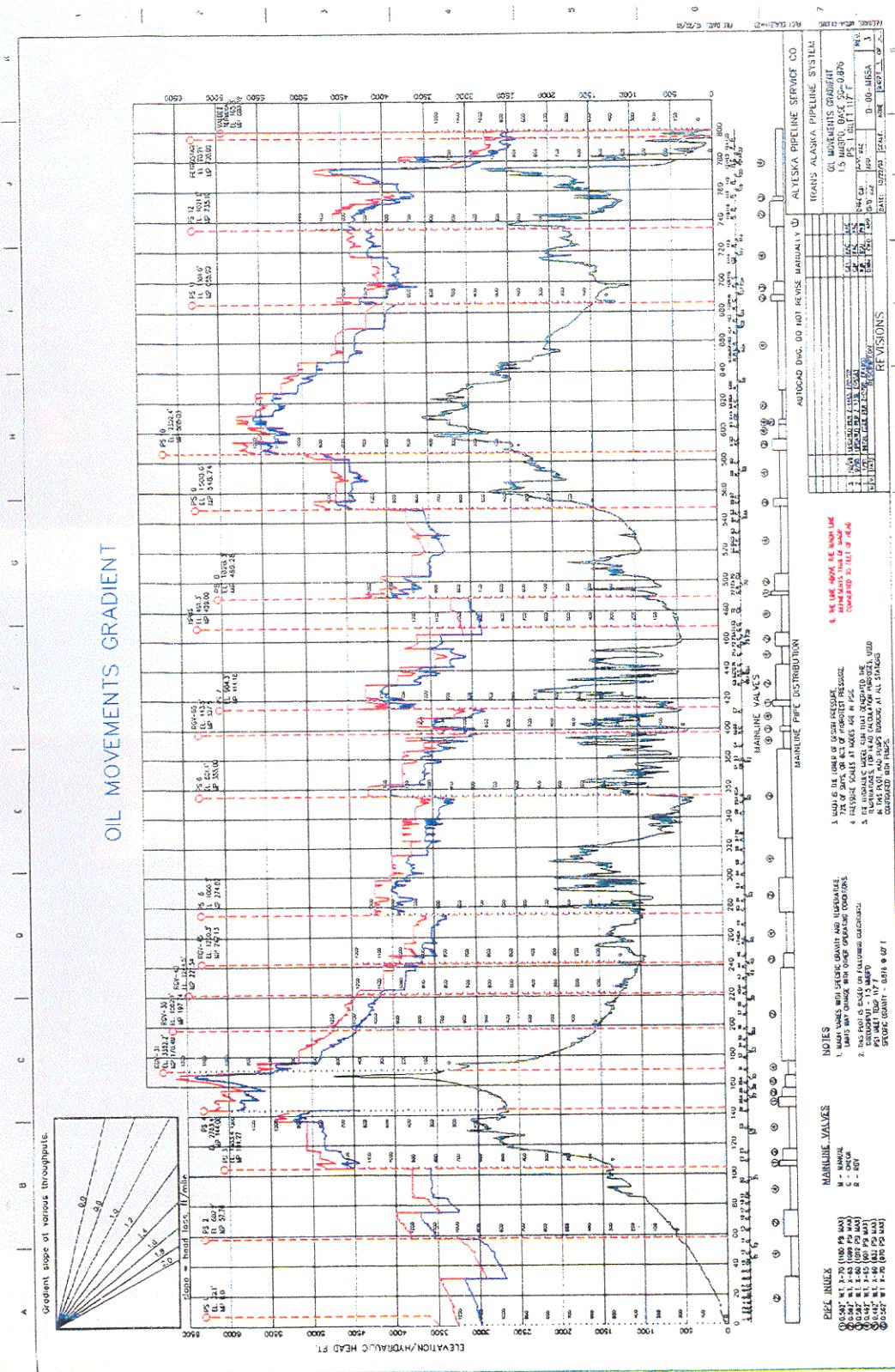
Installing new battery packs at Remote Gate Valve 72



Remote Gate Valve No. 34 battery unit at the MFS Fiber Optic Station. The green building is the battery unit. The white building is the Fiber Optic Station, the housing unit for the batteries and communication link. (See p. 21)

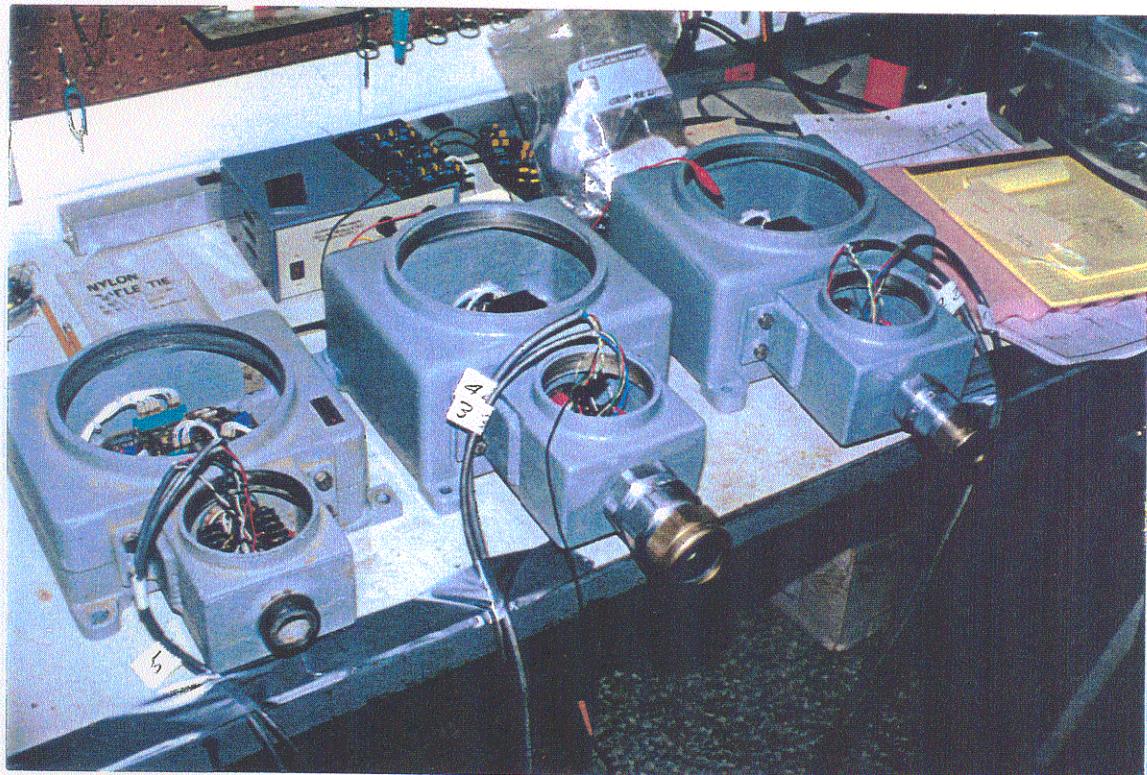
OIL MOVEMENTS GRADIENT

(See p. 16)



Courtesy Alyeska Pipeline Service Company

The TAPS Earthquake Monitoring System



Digital Strong Motion Accelerometers (DSMA)

These units detect seismic activity from light tremors to severe earthquakes. DSMA's are at all pump stations (except 2 & 3) and the Valdez Marine Terminal.



Accelerometer computers used for the TAPS Earthquake Monitoring System.
(See p. 33)